


RAN-2403000501066007

F.Y.B.Sc. (NCF-NEP) (Sem.- I) Examination March - 2026
MB-SEC-101-Basics Of Microbiology Laboratory (Paper - IV)

Time: 30 Min]
[Total Marks: 13

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book (2) Figures to the right indicate full marks of the question.	Seat No.: <table border="1" style="width: 100%; height: 30px; border-collapse: collapse;"> <tr> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> </tr> </table> Student's Signature						

Q.I. Answer in short (13 out of 15)
13

- (a) Who discovered petri dishes?
- (b) Write down any two advantage of laboratory plastic wares.
- (c) Inoculating wire is heating to turns in which color to kills all adhering microorganisms.
- (d) What is the purpose of Durham's tube?
- (e) How many percentages of HCl is used to treat new glasswares for overnight?
- (f) Give a name of instrument which requires moist heat at a temperature of 121 °C at 15psi, for 15 minutes for sterilization.
- (g) Who developed international symbol for biological hazard in 1966?
- (h) How much amount of suspension a charge wire loop can hold?
- (i) Give a full form of SWG.
- (j) Which type of color turbidity is observed when greater number of microorganisms are emulsified in distilled water?
- (k) Why we never blow pipettes while working in microbiology laboratory?
- (l) Give one importance of streaking.
- (m) Which optimal growth temperature is required to incubate pathogenic bacteria?
- (n) What is added on a smear to examine slide under oil-immersion objectives?
- (o) Microbial contamination would increase while disinfect the table top using a strong disinfectant. True or False?